AMENDMENTS TO THE CLAIMS

Claims 1-20 (canceled)

21. (original) A method for replacing excised human breast tissue with an implant comprising the steps of:

forming a cavity having surrounding tissue within a breast;

forming the implant entirely of resorbable material comprising collagen and sizing the implant to occupy the cavity; and

implanting the implant in the cavity, the implant surrounding the surrounding tissue and allowing for in-growth of fibrous tissue into and replacing the resorbable material, wherein the resorbable material is elastically compressible, and the step of implanting includes the step of compressing the resorbable material.

22. (original) The method of claim 21, further comprising the step of introducing into the implant at least one of a medicinal, therapeutic or diagnostic substance.

23. (original) The method of claim 21, wherein the at least one substance is selected from the group consisting of radiation material, antibiotics, chemotherapies, cancer therapies, hemostatic material, hormone therapies, stem cells, cellular precursors, and radiographic markers.

24. (original) The method of claim 21, wherein the step of implanting the implant in the cavity comprises expanding the implant within the cavity.

25. (currently amended) A method for replacing the excised human breast tissue with an implant comprising the steps of:

forming a cavity having surrounding tissue within a breast;

forming an implant entirely of resorbable material and sizing the implant to occupy the cavity; ~~and~~

implanting the implant in the cavity, the implant supporting the surrounding tissue and allowing for in-growth of fibrous tissue into and replacing the resorbable material, wherein the resorbable material is formed from a self-expanding foam and the step of implanting is performed by injection of the self-expanding foam; and

introducing into the implant at least one substance selected from the group consisting of radiation material, antibiotics, chemotherapies, cancer therapies, hemostatic material, hormone therapies, stem cells, cellular precursors, and radiographic markers.

26. (canceled)

27. (canceled)